



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090300

Mode: Highway

Status: Submitted

US-70, NC-12

From/Cross Street: NC 101 in Beaufort

Specific Improvement Type: 16 - Modernize Roadway

To: Cedar Island

Project Category: Regional Impact

Length: 37.16

TIP#: R-4746

Fully Funded in Draft STIP? No

Cost to NCDOT: \$59,166,000

Description:

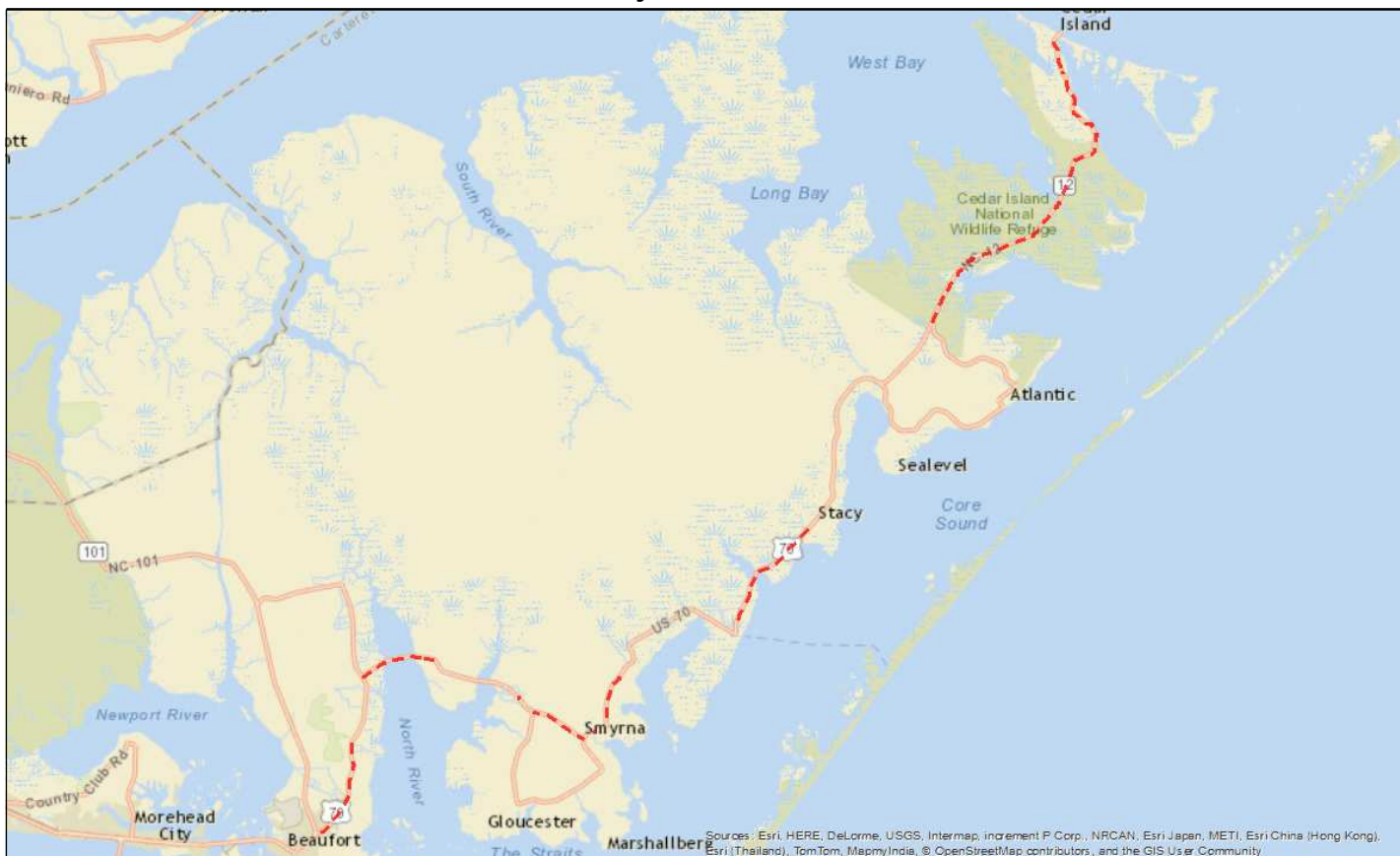
NC 101 in Beaufort to Cedar Island. Upgrade Existing Roadway.

Division(s): Division 2

County(s): CARTERET

MPOS(s)/RPO(s): Down East RPO

Project Location



Statewide Mobility Total Score: 0

| Quantitative Score | Division Engineer Local Input Points | MPO/RPO Local Input Points |
|---|---|---------------------------------------|
| Totals: Weight: 0% Weighted Score: 0 | N/A | N/A |

Regional Impact Total Score: 20.53

| Quantitative Score | Division Engineer Local Input Points | MPO/RPO Local Input Points |
|---|---|---------------------------------------|
| Multimodal + [Freight & Military] (25%) 7.62 [Travel Time] Benefit/Cost (20%) 0.00 Safety (25%) 44.51 | Percent: 15% Points: 0 | Percent: 15% Points: 50 |
| Totals: Weight: 70% Weighted Score: 13.03 | | |

Division Needs Total Score: 13.08

| Quantitative Score | Division Engineer Local Input Points | MPO/RPO Local Input Points |
|--|---|---------------------------------------|
| Congestion (V/C) (20%) 17.05 Safety (20%) 44.51 Multimodal + [Freight & Military] (10%) 7.62 | Percent: 25% Points: 0 | Percent: 25% Points: 0 |
| Totals: Weight: 50% Weighted Score: 13.08 | | |

Project Data ***Existing Conditions**

| | |
|---|------------------|
| Existing Cross-Section: | |
| Speed Limit: | 53 |
| Length (miles): | 37.16 |
| Facility Type: | Two Lane Highway |
| Access Control: | None |
| Functional Classification: | Major Collector |
| Terrain Type: | Level |
| Lane Width: | 12 |
| Paved Shoulder Width: | 0 |
| Roadway has Curb & Gutter? | No |
| Volume (AADT): | 4000.16 |
| Capacity: | 15532.88 |
| Volume/Capacity Ratio: | 0.26 |
| % Autos: | 94% |
| % Trucks: | 6% |
| Truck Volume: | 237.33 |
| Crash Density: | 46.96 |
| Crash Severity: | 45.15 |
| Critical Crash Rate: | 41.43 |
| Crash Frequency: | 0 |
| Severity Index: | 0 |
| County Tier Designation: | 3 |
| Non-Interstate STRAHNET Route? | No |
| Average Commuting Time: | 28 |
| Existing Median Type (for Cost Estimation): | Undivided |
| Pavement Condition Rating: | 82 |
| Actual Congested Speed: | 31.9 |
| Travel Time Index: | 1.12 |

Project Benefits

| | |
|--|------------------|
| Project Cross-Section: | |
| Speed Limit: | 53 |
| Length (miles): | 37.16 |
| Facility Type: | Two Lane Highway |
| Access Control: | None |
| Functional Classification: | Major Collector |
| Terrain Type: | Level |
| DOT Design Lane Width: | 12 |
| DOT Design Paved Shoulder Width: | 2 |
| Travel Time Savings for 30 Years (Total): | 0 |
| Travel Time Savings for 30 Years (Autos): | 0 |
| Travel Time Savings for 30 Years (Trucks): | 0 |
| Long-Term Employment: | |
| % Change in Economy: | |
| Provides Direct Connection to Transportation Terminal? | Yes |
| Does project upgrade how the roadway functions? | No |
| In CTP or LRTP? | |
| CTP/LRTP Name: | |
| CTP/LRTP Completion Year: | |
| Submitted by: | Division 2 |

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

| Division | Percent | Regional Impact | Division Needs |
|------------------------------|----------------|------------------------|-----------------------|
| Division 2 | 100% | 0 | 0 |
| | 0% | 0 | 0 |
| | 0% | 0 | 0 |
| TOTAL Division Points | | 0 | 0 |

MPO/RPO

| MPO/RPO | Percent | Regional Impact | Division Needs |
|-----------------------------|----------------|------------------------|-----------------------|
| Down East RPO | 100% | 50 | 0 |
| | 0% | 0 | 0 |
| | 0% | 0 | 0 |
| TOTAL MPO/RPO Points | | 50 | 0 |

Project Cost and Source

| | | |
|------------------------|---------------------|----------------------|
| Construction Cost: | \$59,166,000 | TIP Unit |
| Right-of-Way Cost: | \$0 | Cost Estimation Tool |
| Utilities Cost: | \$0 | Cost Estimation Tool |
| Total Project Cost: | \$59,166,000 | |
| Other Funding: | \$0 | None |
| Cost to NCDOT : | \$59,166,000 | |